CURRICULUM MAP
HORTICULTURE II

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Write a working budget. Technology Benchmark A **Design** 12.1 Implement the design process: defining a problem; brainstorming, researching and generating ideas; identifying criteria and specifying constraints; exploring possibilities; selecting an approach, developing a design proposal; making a model or prototype; testing and evaluating the design using specifications; refining the design; creating or making it; communicating processes and results; and implement and electronically document the design process	Review seed catalogs to choose plants for greenhouse. Technology Benchmark A **Technology information and literacy** 11.3 Determine valid information for an assignment from a variety of sources.	Greenhouse maintenance. Technology Benchmark B **Technology information and literacy** 11.2 Identify, evaluate information and select relevant and pertinent information found in each source. Benchmark B 11.3 Identify relevant facts, check for variety and record appropriate information keeping track of all sources.	Maintenance and preparation for plants. Technology Benchmark D **Designed World** 11.2 Determine the need for maintenance, alteration or renovation in a structure (e.g., determine when a new roof is needed, calculate the cost benefit of purchasing more energy efficient windows).	Seeding trays.	Transplanting to larger cells.	Seed care and germination.	Germination project.	Plug and transfer of plants. 10/20/2006

Subject is underlined.

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HORTICULTURE II

Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18
Fertilization of plants. <u>Mathematics</u> **Measurement** 11.5 Solve real-world problems involving area, surface area, volume and density to a specified degree of precision. <u>Technology</u> Benchmark F **Designed World** 11.2 Describe how medicines and treatments may have both expected and unexpected results 12.2 Evaluate the effects of genetic engineering, fertilizers, herbicides, and pesticides on the environment and the production of food.	Plant pest and control. <u>Technology</u> Benchmark F **Designed World** 11.2 Describe how medicines and treatments may have both expected and unexpected results 12.2 Evaluate the effects of genetic engineering, fertilizers, herbicides, and pesticides on the environment and the production of food	Potting hanging baskets and individual celled containers.	Landscaping design – maintaining plants in greenhouse.	Landscaping project – maintaining plants in greenhouse.	Pruning and grooming of landscape plants.	Mulching and final landscaping.	Selling and cleaning of greenhouse plants.	Selling and cleaning of greenhouse plants. 10/20/2006

Subject is underlined.